

FIGURE 1A

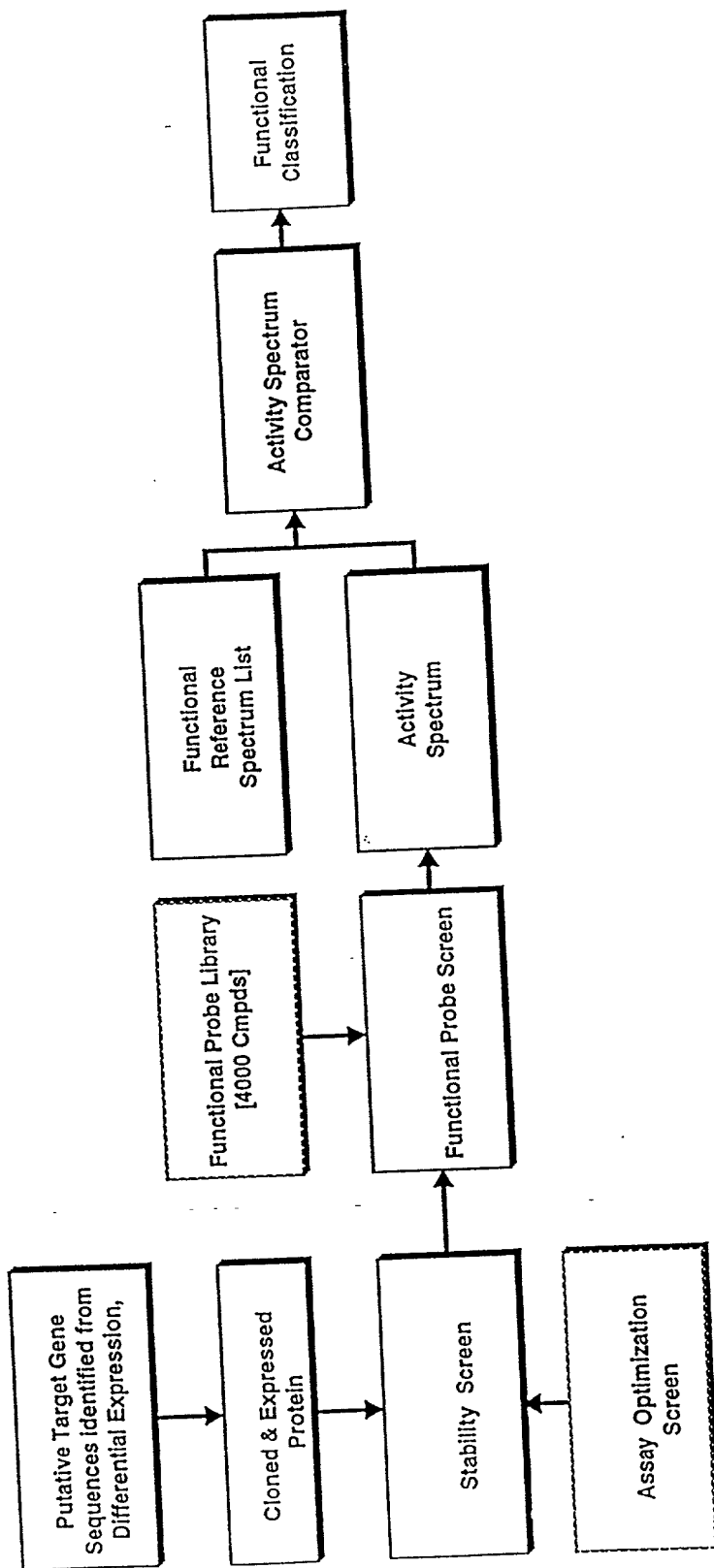


FIGURE 1B

Physical
Properties

Functional
Probe
Library

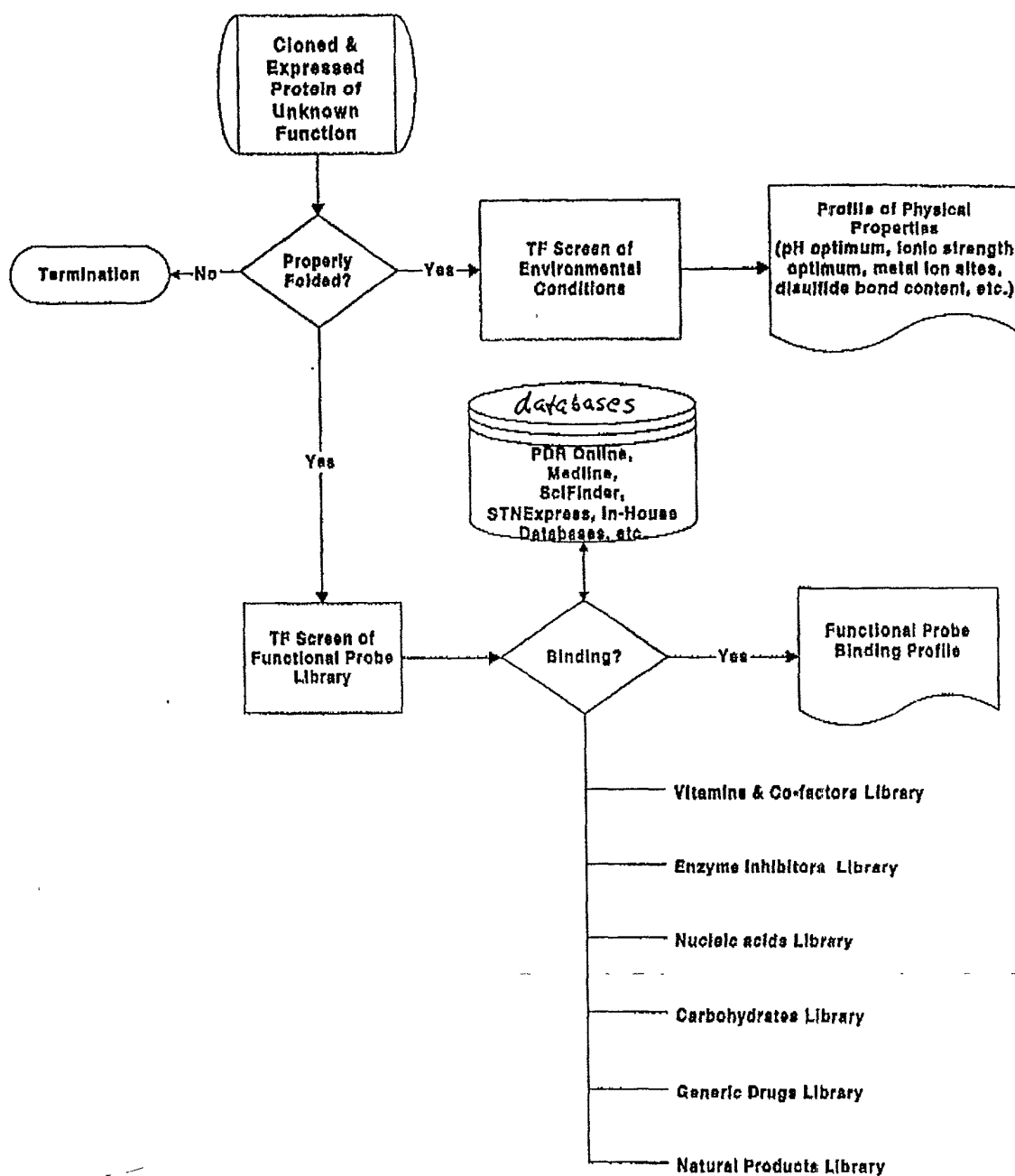


FIGURE 2

206270 04625001

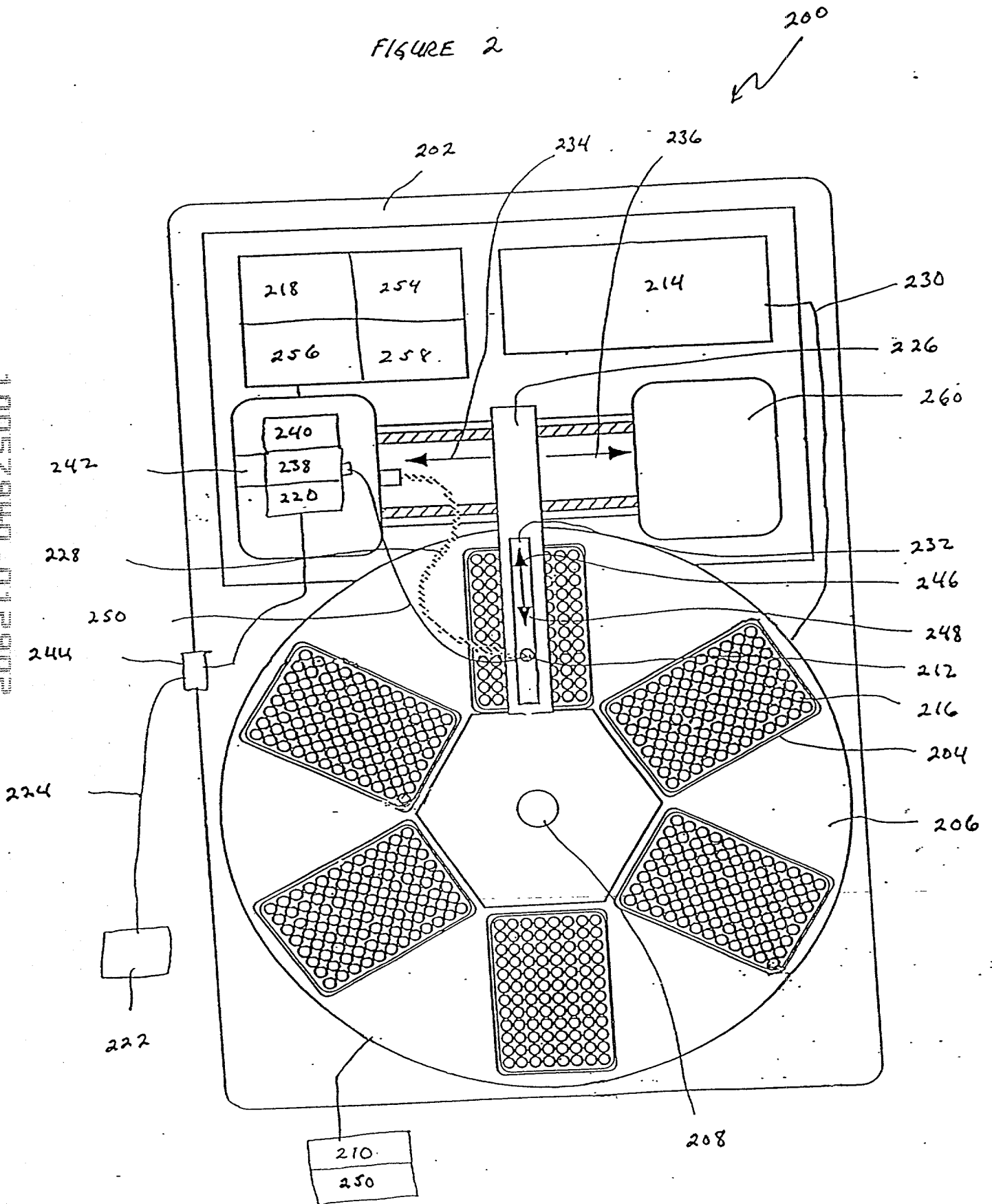


FIGURE 3

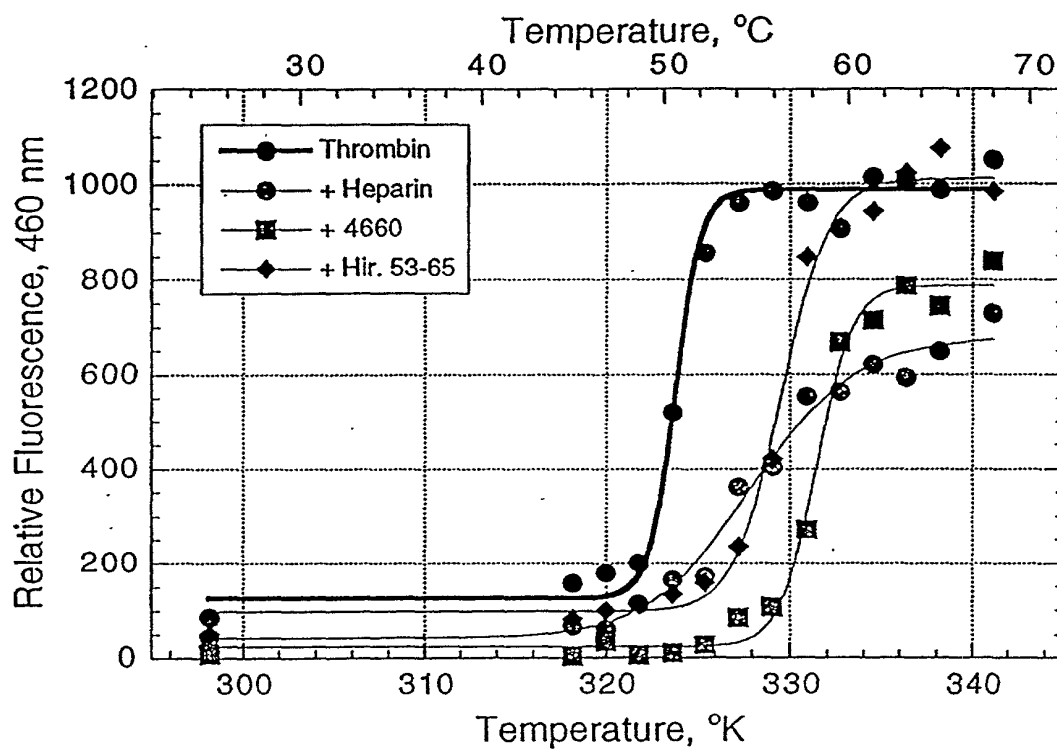
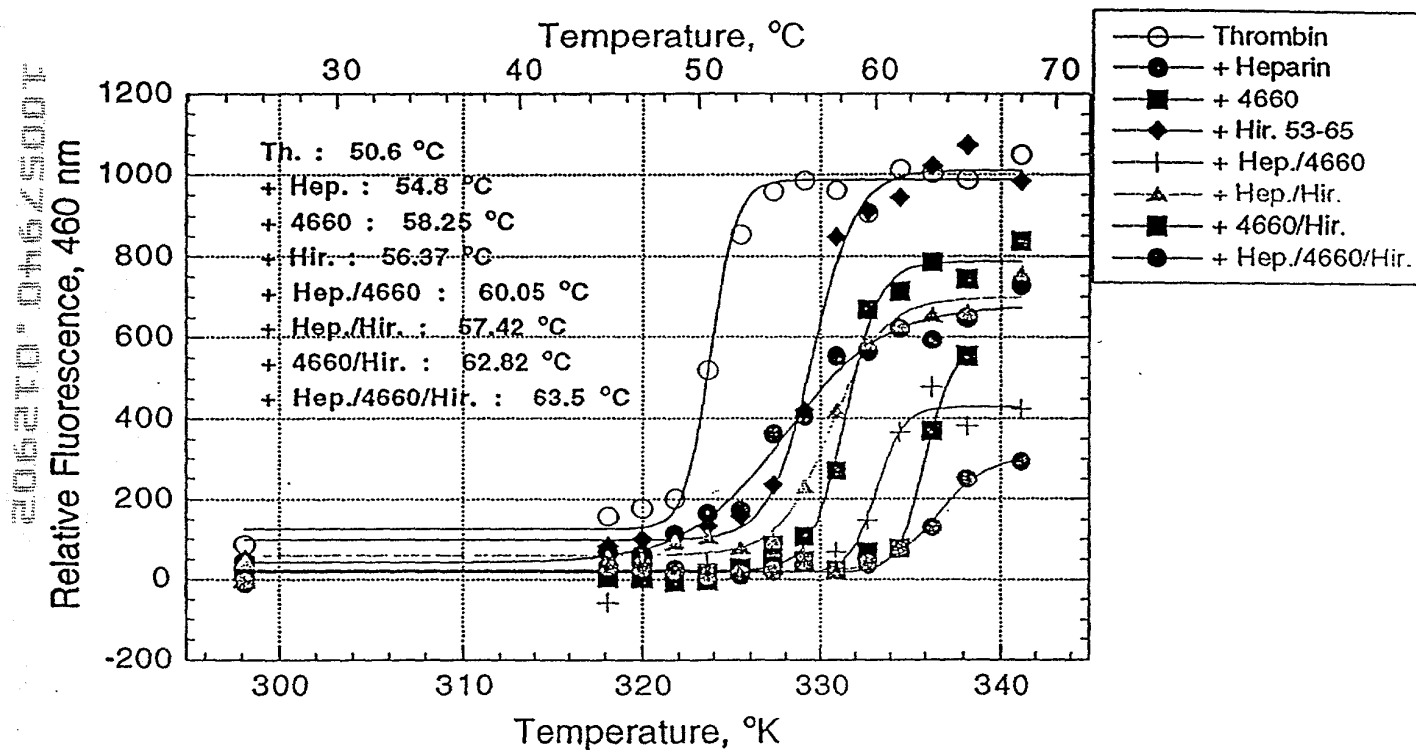


FIGURE 4



| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|--------------------------|--------------------------|---------------------------------------|--|---|------------------------------------|--|-------------------------------|---|---|-----------------------------|----------------------------------|
| A | 1. 0.1 M Na Iodide? | 2. 0.01 M L-cysteine | 3. 0.01 M EDTA | 4. 0.01 M beta-Nicotinamide adenosine dinucleotide | 5. 0.01 M Adenosine-5'-triphosphate disodium salt | 6. 3% D(-)-Glucose monohydrate | 7. 3% D(+)-Sucrose | 8. 3% Zylitol | 9. 0.01 M Spermidine | 10. 0.01 M Spermine tetra-HCl | 11. 3% 6-Aminocaproic Acid | 12. 3% 1,5-Diaminopentane di-HCl |
| B | 13. 3% 1,6-Diaminohexane | 14. 3% 1,8-Diaminooctane | 15. 0.1 M Glycine | 16. 0.01 M Glycyl-glycyl-glycine | 17. 0.01 M Hexamincobalt Trichloride | 18. 0.01 M Taurine | 19. 0.01 M Betaine monohydrate | 20. 0.5% Polyvinylpyrrolidone | 21. 0.3 M non-detergent Sulfo-betaine 195 | 22. 0.2 M non-detergent Sulfo-betaine 201 | 23. 3% Dimethyl Sulfoxide | 24. 0.01 M Phenol |
| C | 25. 0.01 M Ba Chloride | 26. 0.01 M Co Chloride | 27. 0.01 M Ca chloride dihydrate | 28. 0.01 M Cobaltous chloride | 29. 0.01 M Cupric chloride dihydrate | 30. 0.01 M Mg chloride hexahydrate | 31. 0.01 M Mn (II) chloride tetrahydrate | 32. 0.01 M Strontium chloride | 33. 0.01 M Yttrium chloride hexahydrate | 34. 0.01 M Zinc Chloride? | 35. 3% Dioxane | 36. 3% Ethanol |
| D | 37. 3% Ethylene Glycol | 38. 3% Glycerol | 39. 3% 1,6 Hexanediol | 40. 3% Isopropanol | 41. 3% Methanol | 42. 3% MPD | 43. 5% PEG 400 | 44. 0.01 M Trimethylamine HCl | 45. 0.1 M Guanidine HCl | 46. 0.01 M Urea | 47. 1.5% 1,2,3-Heptanetriol | 48. 2% Benzamide HCl |
| E | 49. 0.1 M EGTA | 50. 0.1 M NH4 Sulfate | 51. 0.5 M NH4 Sulfate | 52. 0.1 M NH4 Phosphate | 53. 0.1 M NH4 Acetate | 54. 0.1 M Mg Sulfate | 55. 0.5 M Mg Sulfate | 56. 0.1 M Mg Chloride | 57. 0.1 M Mg Acetate | 58. 0.1 M Li Chloride | 59. 0.5 M Li Chloride | 60. 0.1 M Li Sulfate |
| F | 61. 0.5 M Li Sulfate | 62. 0.1 M Ni Sulfate | 63. 0.1 M K Tartrate | 64. 0.1 M K Chloride | 65. 0.5 M K Chloride | 66. 0.1 M K Phosphate | 67. 0.2 M K Sulfate | 68. 0.05 M K Sulfate | 69. 0.1 M Na Formate | 70. 0.1 M Na Acetate | 71. 0.1 M Na Chloride | 72. 0.1 M Na Citrate |
| G | 73. 0.1 M Na Phosphate | 74. 0.5 M Na Phosphate | 75. 0.1 M Na Cacodylate | 76. 0.01 M di-Na pyrophosphate | 77. 0.1 M Na tri-metaphosphate | 78. 0.1 M tri-polyphosphate | 79. 0.1 M oxalate | 80. 0.1 M malonate | 81. 0.1 M succinate | 82. 0.1 M Zn Acetate | 83. 0.1 M Sorbitol | 84. 0.1 M Ca Chloride |
| H | 85. 0.1 M Arginine | 86. 0.01 M Glutathione | 87. 0.1 M 3-Nitrobenzenesulfonic acid | 88. 0.01 M DHD | 89. 0.01 M Cyclohexylamine | 90. 0.01 M Piperidine | 91. 0.01 M Morpholine | 92. 0.005 M Benzoic acid | 93. 0.01 M Benzenesulfonic acid | 94. 0.01 M Sulfobenzoic acid | 95. Control? | 96. Control? |

FIGURE 5

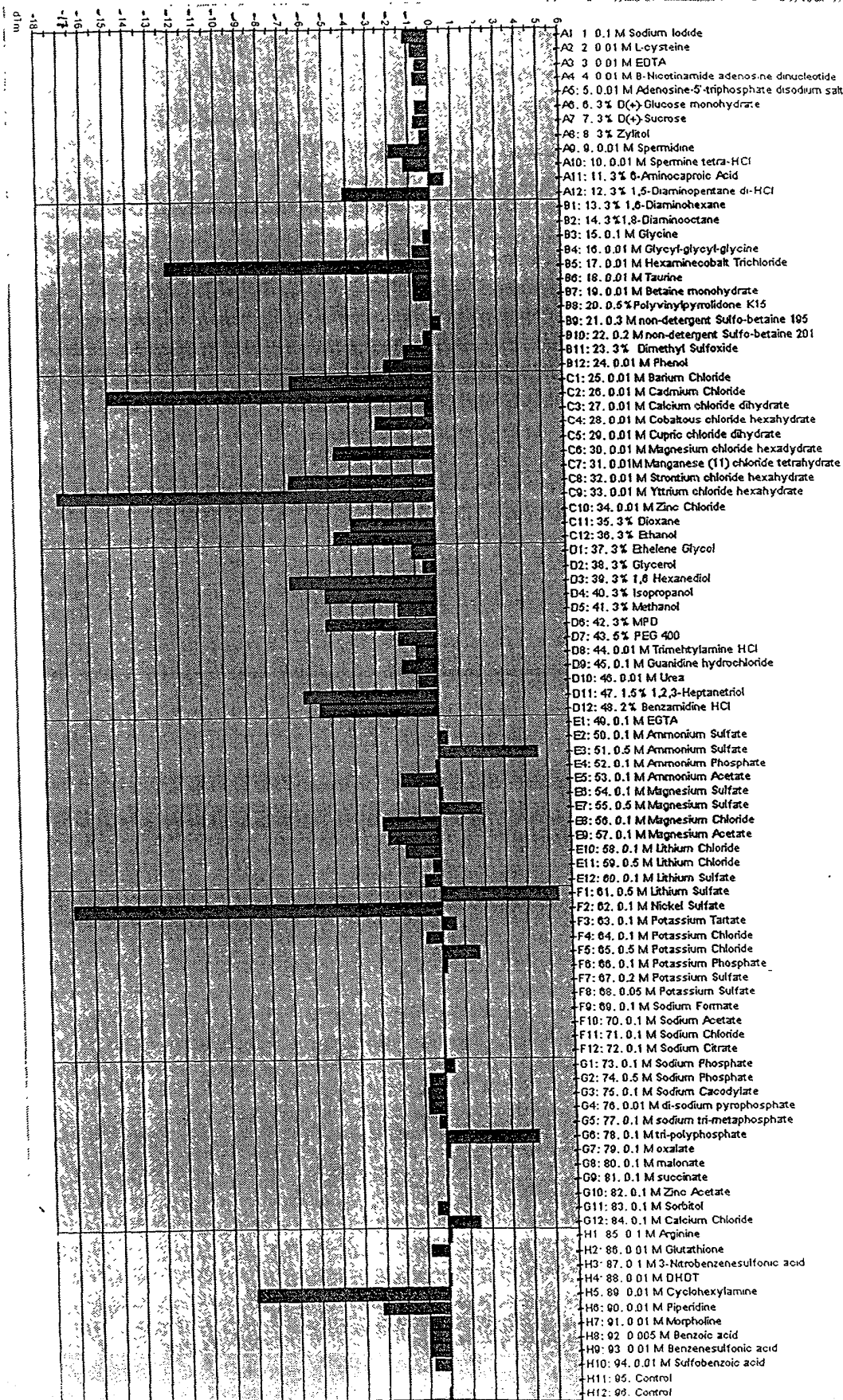
ΔT_m 

FIGURE 6

1005940-012902

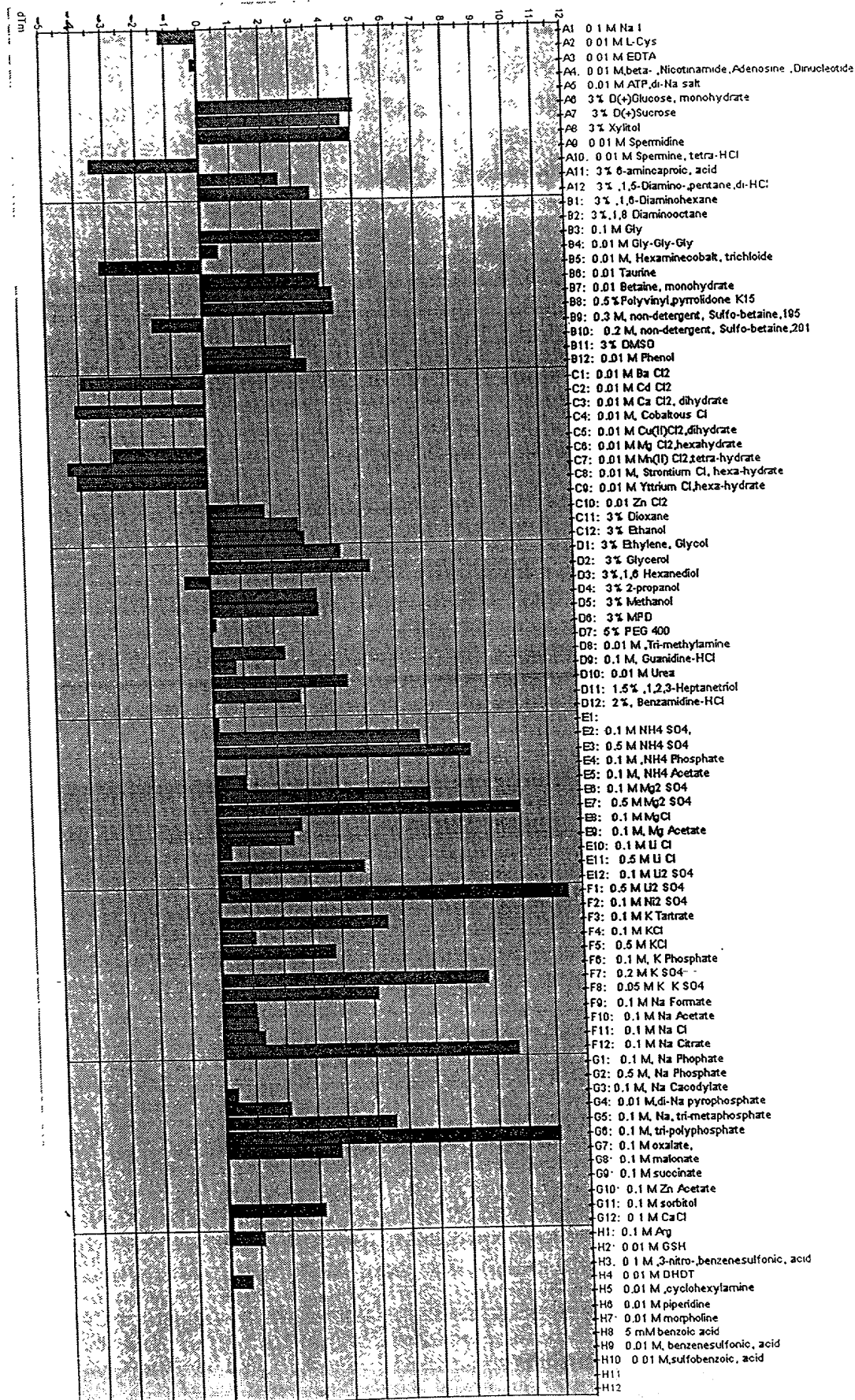
ΔT_m 

FIGURE 7

206270-04625001

FIGURE 8

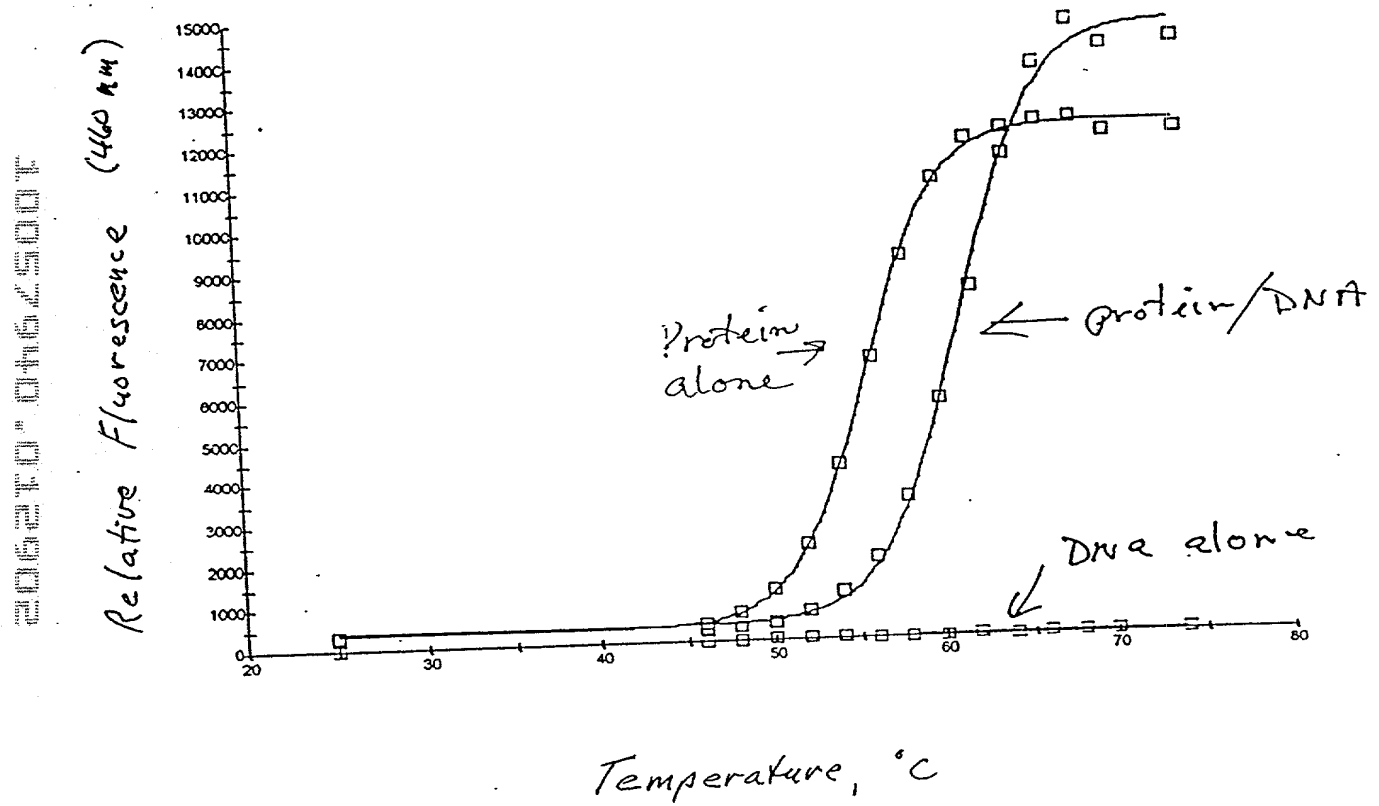


FIGURE 9

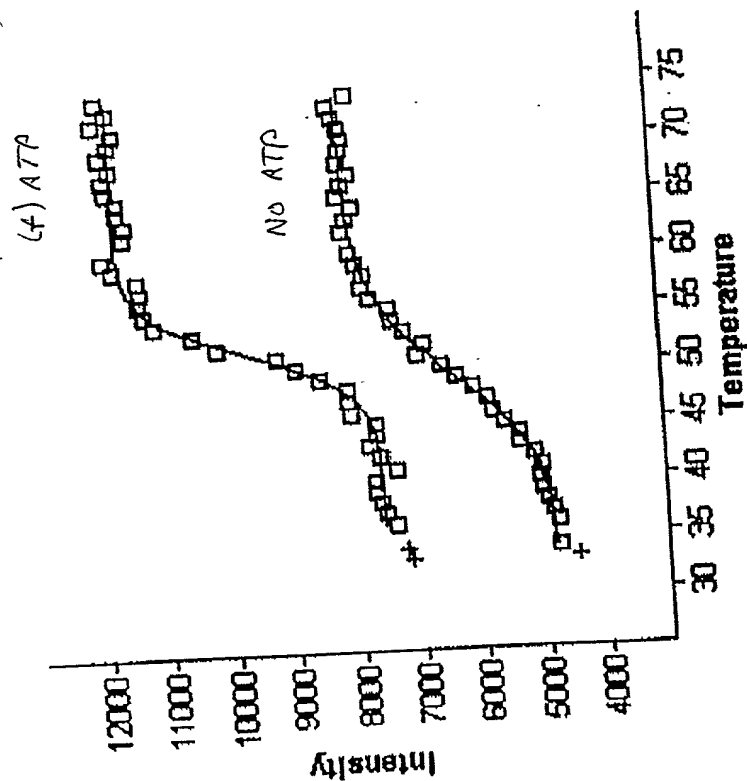


FIGURE 10

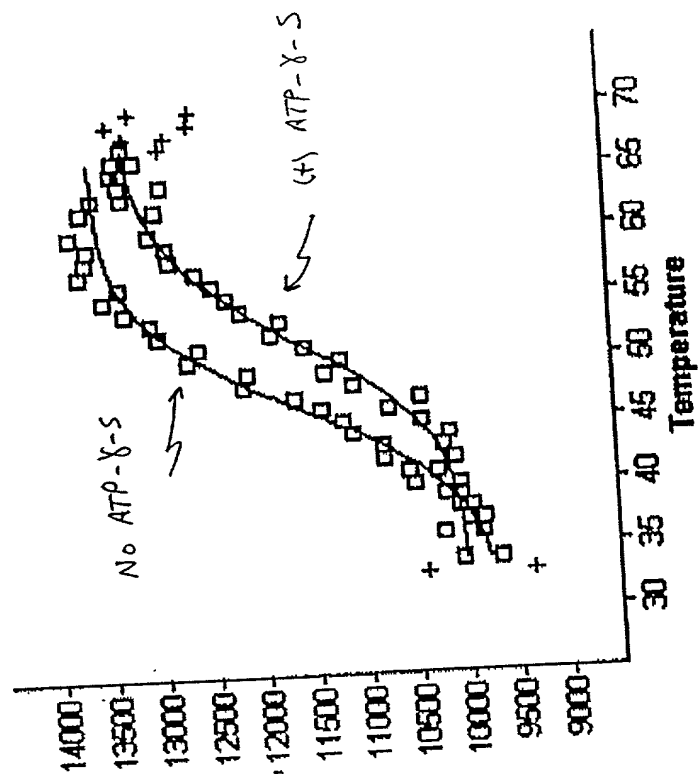


FIGURE 11

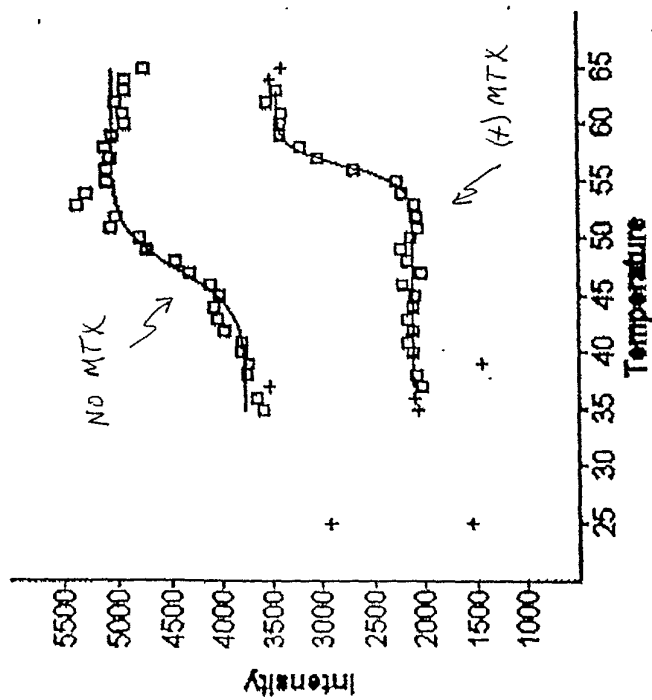


FIGURE 12

